

Notice of Allowability

Application No.

09/729,748

Examiner

Chieh M. Fan

Applicant(s)

RAZZELL, CHARLES

Art Unit

2634

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 4/28/05.
2. ☒ The allowed claim(s) is/are 1,3-12 and 14-20.
3. ☒ The drawings filed on 04 December 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Aaron Waxler on 05/10/05.

The application has been amended as follows:

In the claims:

- a. In claim 1, line 5, "said plurality of successively demodulated output words" has been changed to --- a plurality of successively demodulated output words ---.
- b. In claim 1, lines 7-8, "a plurality of successively demodulated output words" has been changed to --- said plurality of successively demodulated output words ---.
- c. In claim 3, lines 1-2, "said determining" has been changed to --- the determining ---.
- d. In claim 4, line 2, "said application" has been changed to --- the application ---.

- e. In claim 4, line 4, "said determining" has been changed to --- the determining ---.
- f. In claim 12, line 3, "said received encoded interleaved signal" has been changed to --- the received encoded interleaved signal ---.
- g. In claim 12, line 5, "said plurality of successively demodulated output words" has been changed to --- a plurality of successively demodulated output words ---.
- h. In claim 12, lines 8-9, "a plurality of successively demodulated output words" has been changed to --- said plurality of successively demodulated output words ---.
- i. In claim 12, lines 9-10, "from said intermediate scaling factors" has been changed to --- determined from said intermediate scaling factors ---.
- j. In claim 14, line 3, "said de-interleaving memory" has been changed to --- said de-interleaving and scaling memory ---.
- k. In claim 14, lines 3-4, "said determination" has been changed to --- the determination ---.
- l. In claim 18, line 5, "said de-interleaving memory" has been changed to --- said de-interleaving and scaling memory ---.

Drawings

2. Although the drawings filed 12/4/00 are accepted by the Examiner, the applicant is reminded that he indicated in the reply dated 5/6/04 (see page 8) a set of formal drawings will be provided upon receipt of a Notice of Allowance.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chieh M. Fan whose telephone number is (571) 272-3042. The examiner can normally be reached on Monday-Friday 8:00AM-5:30PM, Alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on (571) 272-3056. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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A handwritten signature in black ink, appearing to read "Chieh M Fan". The signature is fluid and cursive, with the first name "Chieh" being more prominent.

Chieh M Fan
Primary Examiner
Art Unit 2634

cmf
May 10, 2005